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UTILITY
PATENT APPLICATION
TDANIGMITTAL

481340010058 Attorney Docket No. First Inventor Gancarcik Combination Visible and Infrared Pipe

1147	HOWITTAL	Title Combination visible and initiated ripe						
(Only for new nonprovision	nal applications under 37 CFR 1.53(b))	Express Mail Label No. EV 243792608						
	TION ELEMENTS serning utility patent application contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231						
1. Fee Transmittal Fe (Submit an original and a Applicant claims s See 37 CFR 1.27. 3. Specification (preferred arrangemen Descriptive title - Cross Reference - Statement Regarder - Reference to se or a computer p - Background of - Brief Summary	orm (e.g., PTO/SB/17) duplicate for fee processing) mall entity status. [Total Pages = 9] t set forth below) of the invention the to Related Applications arding Fed sponsored R & Dequence listing, a table, the invention of the Invention of the Invention n of the Drawings (if filed) ption	Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF) b. Specification Sequence Listing on: i. CD-ROM or CD-R (2 copies); or ii. paper c. Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. Assignment Papers (cover sheet & Attorney						
b. Copy from a (for continua) i. DELET Signed stanamed in to 1.63(d)(2) 6. Application Data 18. If a CONTINUING APPLI	[Total Pages 2] uted (original or copy) prior application (37 CFR 1.63 (d)) tion/divisional with Box 18 completed) ION OF INVENTOR(S) tement attached deleting inventor(s) he prior application, see 37 CFR and 1.33(b). Sheet. See 37 CFR 1.76 CATION, check appropriate box, and sup	11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. Other:						
or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No. 09 , 861,207 Prior application information: Examiner: Kaveh C. Dianni Group Art Unit: 2877 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS								
Customer Number or Bar Co	(Insert Customer No. or Attach ba	or Correspondence address below						
Name .	David B. Cochran, Esq.							
Address City Country	Jones Day North Point, 901 Lakeside Avenue Cleveland US Tel	State Ohio Zip Code 44114 ephone (216) 586-3939 Fax (216) 579-0212						
Name (Print/Type)	David B. Cochran	vid B. Cochran Registration No. (Attorney/Agent) 39,142						
Signature	Devid Coch	Date 7/11/03						

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PTO/SB/17 (01-03)
Approved for use through 04/30/2003. OMB 0651-0032
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EEE TOANGMITTAL	Complete if Known				
FEE TRANSMITTAL	Application Number	Not Issued			
for FY 2003	Filing Date	Herewith			
	First Named Inventor	Gancarcik			
Effective 01/01/2003. Patent fees are subject to annual revision.	Examiner Name	Kaveh C. Kianni			
applicant claims small entity status. See 37 CFR 1.27	Art Unit	2877			

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Name The Commissioner is authorized to: (check all that apply)	1053	130	1053	130	Non-Engl	ish specification	
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812 2	,520	For filing a	a request for <i>ex parte</i> reexamination	ا اــــــا
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Requestir Examiner	ng publication of SIR prior to	
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805 1			ng publication of SIR after	
to the above-identified deposit account.	1803	1,040	1005	040	Examine		
FEE CALCULATION	1251	110	2251	55	Extensio	n for reply within first month.	1
1. BASIC FILING FEE	1252	410	2252	205	Extensio	n for reply within second month	
Large Entity Small Entity	1253	930	2253	465	Extensio	n for reply within third month	
Fee Fee Fee Fee Fee Paid Code (\$) Code (\$)	1254	1,450	2254	725	Extensio	n for reply within fourth month	
1001 750 2001 275 Hillion 600	1255	1,970	2255	985	Extensio	n for reply within fifth month	<u> </u>
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of	f Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402			prief in support of an appeal	·
1004 750 2004 375 Reissue filing fee	1403	280	2403			for oral hearing	
1005 160 2005 80 Provisional filing fee	1451				-	o institute a public use proceeding	
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SUBTOTAL (1) (\$) 750.00	1453		2453			o revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501		2501			sue fee (or reissue)	
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Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021	40	8021			g each patent assignment per	\$40.00
1202 18 2202 9 Claims in excess of 20					property	(times number of properties)	\$40.00
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375		submission after final rejection 1.129(a))	. 1
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375		additional invention to be	
1204 84 2204 42 ** Reissue independent claims	10.10		2010	0.0	examine	d (37 CFR 1.129(b))	<u> </u>
over original patent	1801	750	2801	375	Reques	t for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900		t for expedited examination ign application	
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Pagistration No.							
Name (Print/Type) David B. Cochran		Attornev/		39,	142	Telephone 216/586-3939	
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